## **Author Index**

Agterof, W.G.M. 255 Ananthapadmanabhan, K. 19 Aronson, M.P. 199 Arts, T.J.C. 149

Babak, V.G. 279 Beelen, T.P.M. 89 Bisperink, C.G.J. 237 Börner, M. 9 Buijs, P.J. 29 Buytenhek, C.J. 221

Cazabat, A.M. 127 Churaev, N.V. 9 Cohen, R. 271

Davis, J. 159 de Vries, C.H.E. 221 Dokter, W.H. 89

Eckerman, C. 81 Exerowa, D. 271

Fornasiero, D. 37 Fraysse, N. 127

Garrett, P.R. 159 Goel, H. 69 Groeneweg, F. 255 Groot, R.D. 135

Hettiarachchi, S. 19 Hoekstra, L.L. 125 Hsia, T.-H. 1

Jacobasch, H.-J, 9 Jaeger, Ph.T. 255 Jain, M. 75 Janssen, J.J.M. 255 Jayaweera, P. 19 Joos, P. 107, 119

Kwaaitaal, Th. 149

Lagus, O. 81 Laven, J. 149 Lee, D.-Y. 1 Leermakers, F.A.M. 135 Levinson, P. 127 Lin, C.-F. 1 Lo, S.-L. 1 Lucassen, J. 211 Lucassen-Reynders, E.H. 2 Lyklema, J. 135

Mao, M. 37 Mehrotra, K.N. 75

Nylund, J. 81

Ocken, H. 19 Olsthoorn, Th.M. 221

Palatini, D.J. 199 Petko, M.F. 199 Prestidge, C.A. 51 Prins, A. 237

Ralston, J. 37, 51 Ramsay, J.D.F. 89 Rendall, H.M. 159 Rodenas, E. 97 Rummens, C.P.J. 89

Schepers, F.J. 221 Sdranis, Y.S. 135 Sergeeva, I.P. 9 Simon, F. 9 Smart, R.St.C. 37, 51 Sobieraj, S. 37 Sobolev, V.D. 9 Stein, H.N. 29

Taylor P. 105 Thiel, A.G. 51

Valiente, M. 97 Valignat, M.P. 127 van de Pas, J.C. 221 van der Knaap, E. 265 van Garderen, H.F. 89 van Santen, R.A. 89 van Voorst Vader, F. 149 Van Diemen, A.J.G. 29 Van Uffelen, M. 107, 119 Varma, R.P. 69 Vreeker, R. 265

## Subject Index

Adhesion, 279
Adsorption, 1
Adsorption isotherms, 127
Adsorption kinetics, 107, 119
Alkanes, 127
Alkanols, 97
Antifoam, 159

Bubble growth, 237

Carbonated liquids, 237
Chromium soaps, 75
Cluster-cluster aggregation, 265
Coagulation, 279
Coalescence, 255
Computer simulation, 265
Concentrated emulsions, 279
Conductance, 69
Contact angles, 135, 159
Copper(II) activation, 51
Corrosion, 19
Critical micelle concentration, 69

Decoupling, 221 Deflocculation, 221 Dewatering, 29 Dilatation rate, 107 Dispersion, 221 Dissociation, 69

EDAX, 1
Electrochemical double layer, 9
Electrokinetic measurements, 9
Electrosmosis, 29
Electrophoretic light scattering, 149
Electrosurface properties, 271
Emulsion stability, 135
Energy dissipation, 211
Ethyl xanthate adsorption, 51

Film thickness, 271
Flattened drops, 255
Flocculation, 81
Foam films, 271
Freeze-thaw instability, 199
FTIR, 1

Gel transformation, 89

High temperature zeta potential, 19 Hydrothermal synthesis, 89 Hydrous iron oxide, 1

Interaction curve, 135 Ionic character, 75

Kinetic effect, 51

Lamellar phase, 221 Lattice theory, 135 Linearly expanded surface, 119 Liquid crystal, 221 Liquid detergent, 221 Lithium soaps, 69 Low viscosity ratio, 255 Lysophosphatidylcholine, 271

Mechanical pulp suspension, 81 Micellization, 69 Mobile interfaces, 255 Molar volume, 75

Oil lenses, 159 Olive oil, 149

Particle gels, 265 Peaktensiometry, 119 Preadsorbed layers, 127 Protective coatings, 19 pH, 271

Reverse micelles, 97 Rheological behavior, 97 Rheology, 279

Sedimentation, 265
Silica, 127
Silicalite, 89
Small-angle neutron scattering, 89
Spectrophotometry, 75
Streaming potential, 19
Streaming potential measurements, 9

Surface charge, 37 Surface dilatation, 107, 119 Surface dilational viscosity, 211 Surface forces, 135 Surfactants, 97

Transmission electron microscopy, 81 Triple layer site-binding model, 37 Tristearoylglycerol, 149 Viscose fibres, 9 Vicosity, 75

Water-in-oil emulsions, 199 Waterworks sludge, 29

Zeta potentials, 37, 149 Zinc sulphide surfaces, 51 Zircon, 37